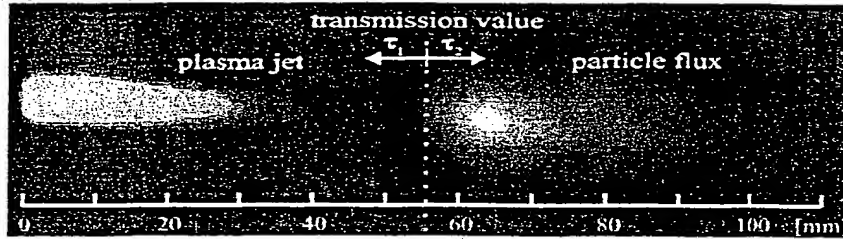
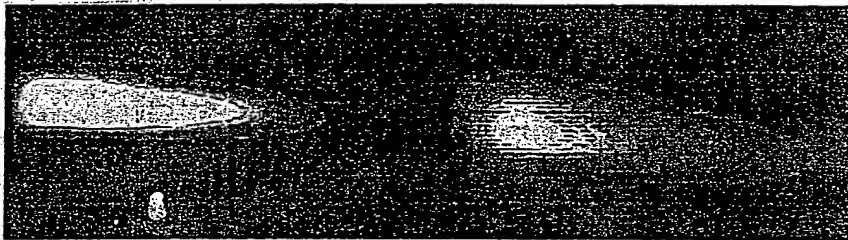


Fig. /

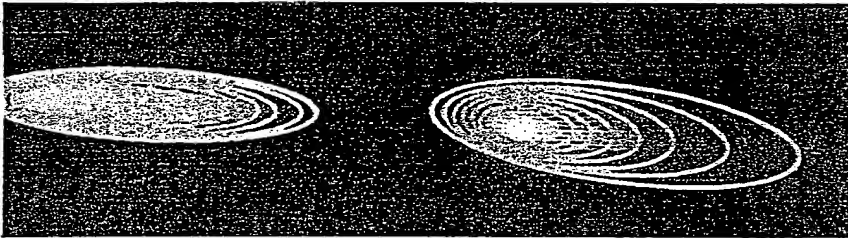
a) Image recording



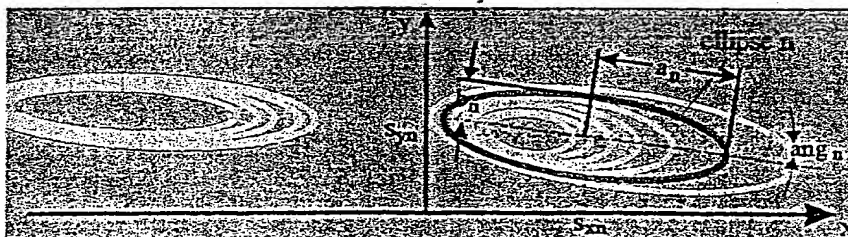
b) Contour detection



c) Ellipse fitting



d) Ellipse characterization



e) Database

result: data bank				
sx1:0.05635	sy1:0.00332	ang1:0.00251	a1:0.90845	b1:5.44042
sx2:0.06343	sy2:0.00631	ang2:0.00089	a2:5.63184	b2:6.53315
sx3:0.65433	sy3:0.00123	ang3:0.00068	a3:9.81134	b3:5.54042

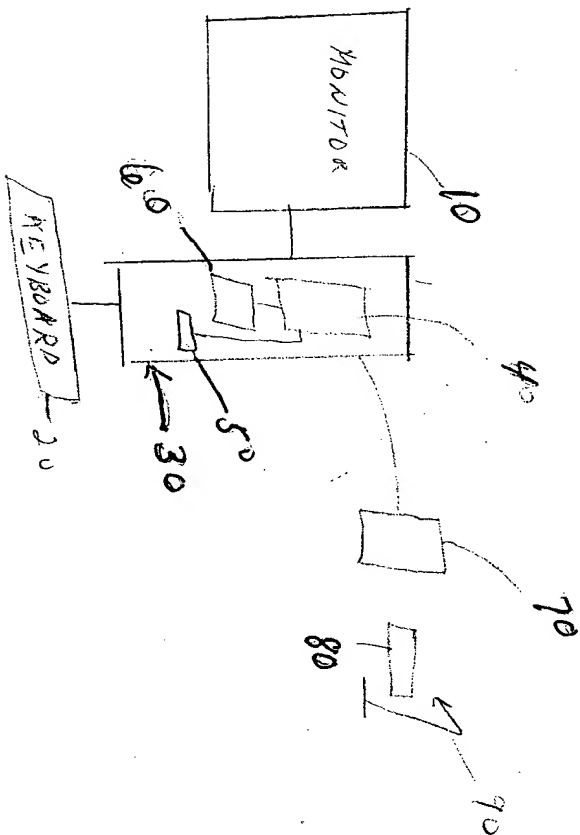


FIGURE 2

2

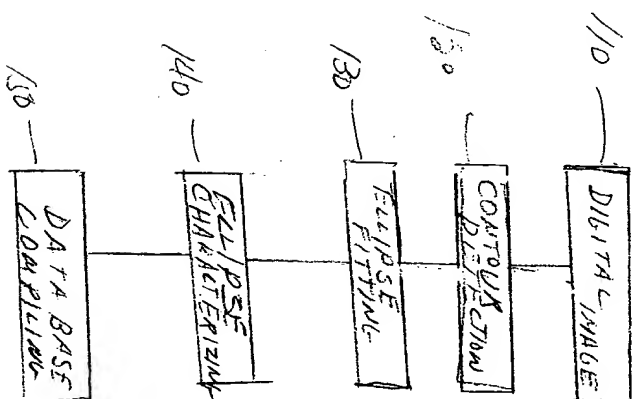


FIGURE 3

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